

Name:
Block/Day:

Date:
Building Big Forces

The Bridge Challenge

<http://www.pbs.org/wgbh/buildingbig/bridge/challenge/index.html>

Directions: Go to the URL above. (Type in exactly or follow the steps below.)

- Google "Building Big"
- Click on "Bridges"
- Click on "The Bridge Challenge"

Procedures:

1. Read the Introduction page.
2. Click on "Location 1". Read the requirements.
3. Select a type of bridge, completing the chart as you go. If you make an incorrect choice, complete the chart with your next selections until you select the correct bridge.
4. Complete a minimum of three bridge locations.

Location 1: _____

Description of Location/Bridge Need: _____

Bridge Choice or Improvement Made	Why did you select this type of bridge for the location?	Did it get approved? (Yes/No)	What were the problems that needed to be addressed? (Write N/A for not applicable if the correct bridge type is chosen.)

Final Bridge Selection for this location: _____

JUSTIFICATION (reasoning) for why this type of bridge is selected:

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Location 2: _____

Description of Location/Bridge Need: _____

Bridge Choice or Improvement Made	Why did you select this type of bridge for the location?	Did it get approved? (Yes/No)	What were the problems that needed to be addressed? (Write N/A for not applicable if the correct bridge type is chosen.)

Final Bridge Selection for this location: _____

JUSTIFICATION (reasoning) for why this type of bridge is selected:

Location 3: _____

Description of Location/Bridge Need: _____

Bridge Choice or Improvement Made	Why did you select this type of bridge for the location?	Did it get approved? (Yes/No)	What were the problems that needed to be addressed? (Write N/A for not applicable if the correct bridge type is chosen.)

Final Bridge Selection for this location: _____

JUSTIFICATION (reasoning) for why this type of bridge is selected:

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Location 4: _____

Description of Location/Bridge Need: _____

Bridge Choice or Improvement Made	Why did you select this type of bridge for the location?	Did it get approved? (Yes/No)	What were the problems that needed to be addressed? (Write N/A for not applicable if the correct bridge type is chosen.)

Final Bridge Selection for this location: _____

JUSTIFICATION (reasoning) for why this type of bridge is selected:
